

FIG. 1A

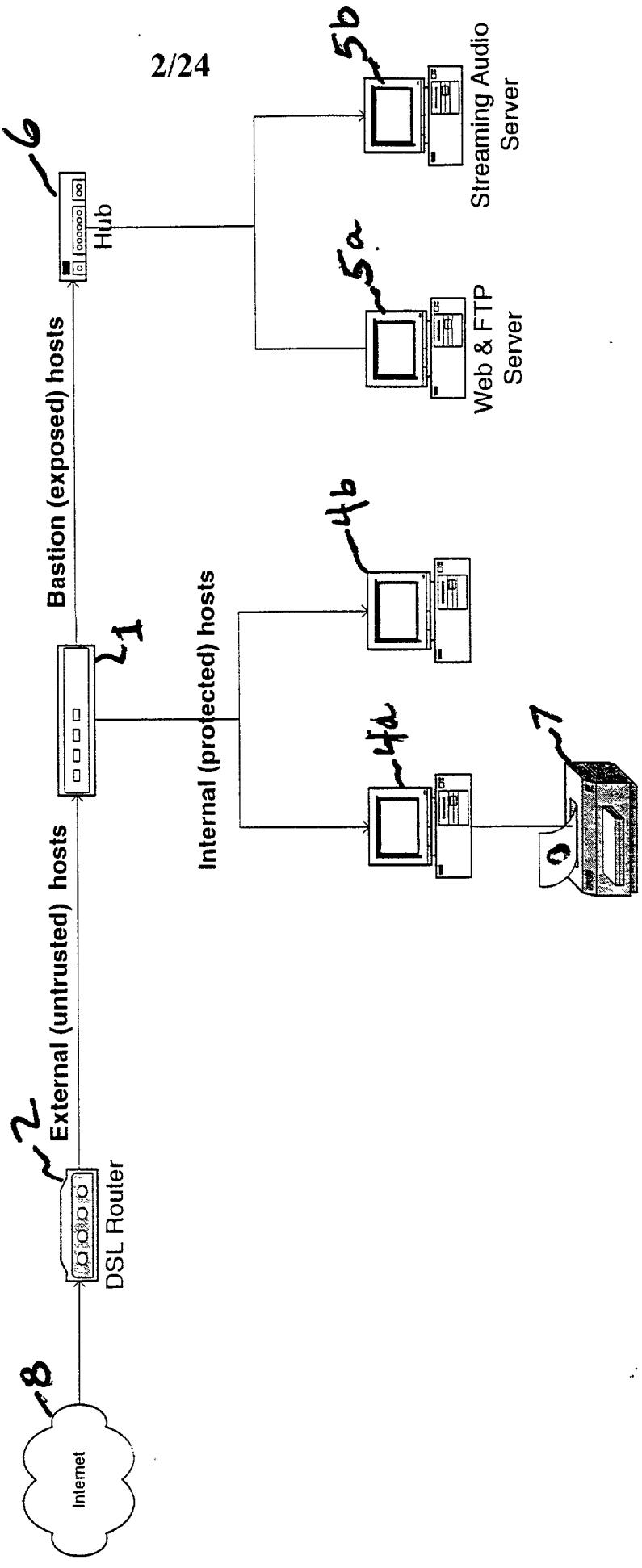


FIG. 1B

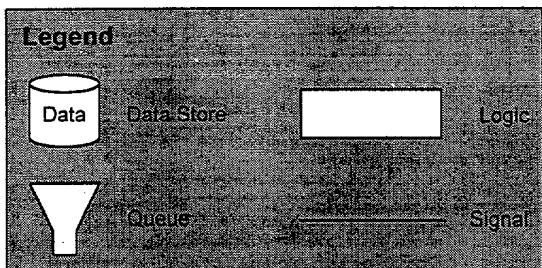
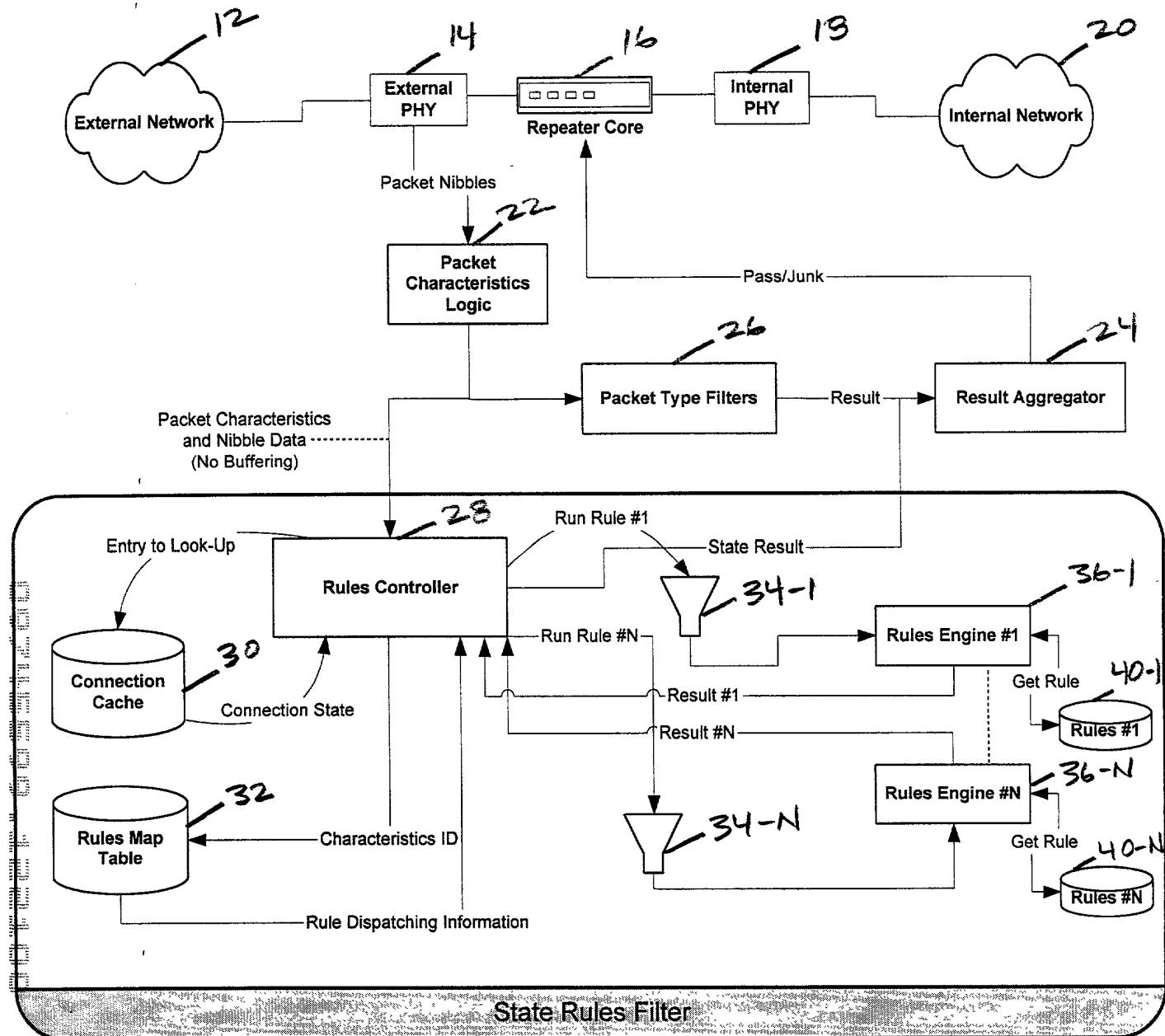


FIG. 2

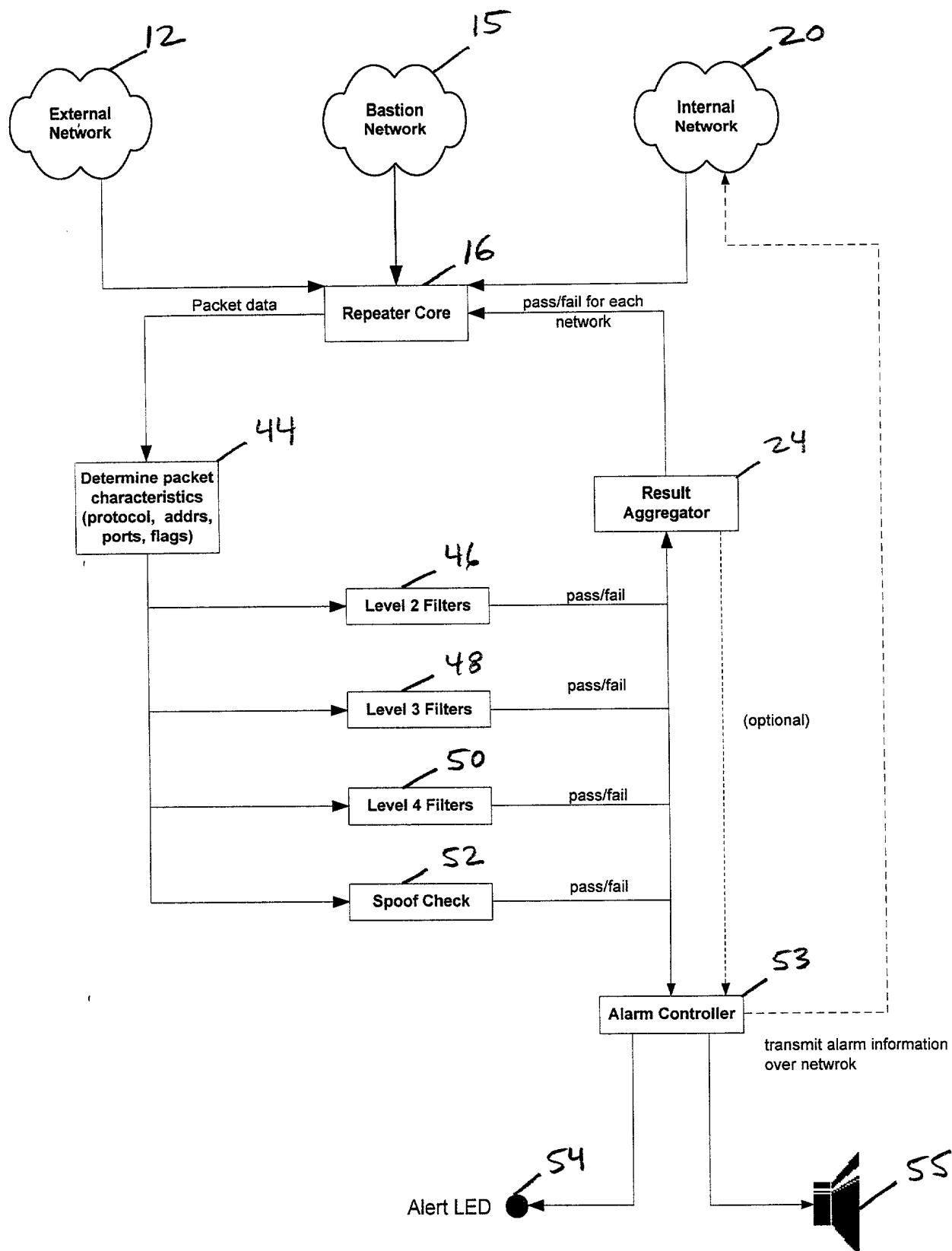


FIG. 3

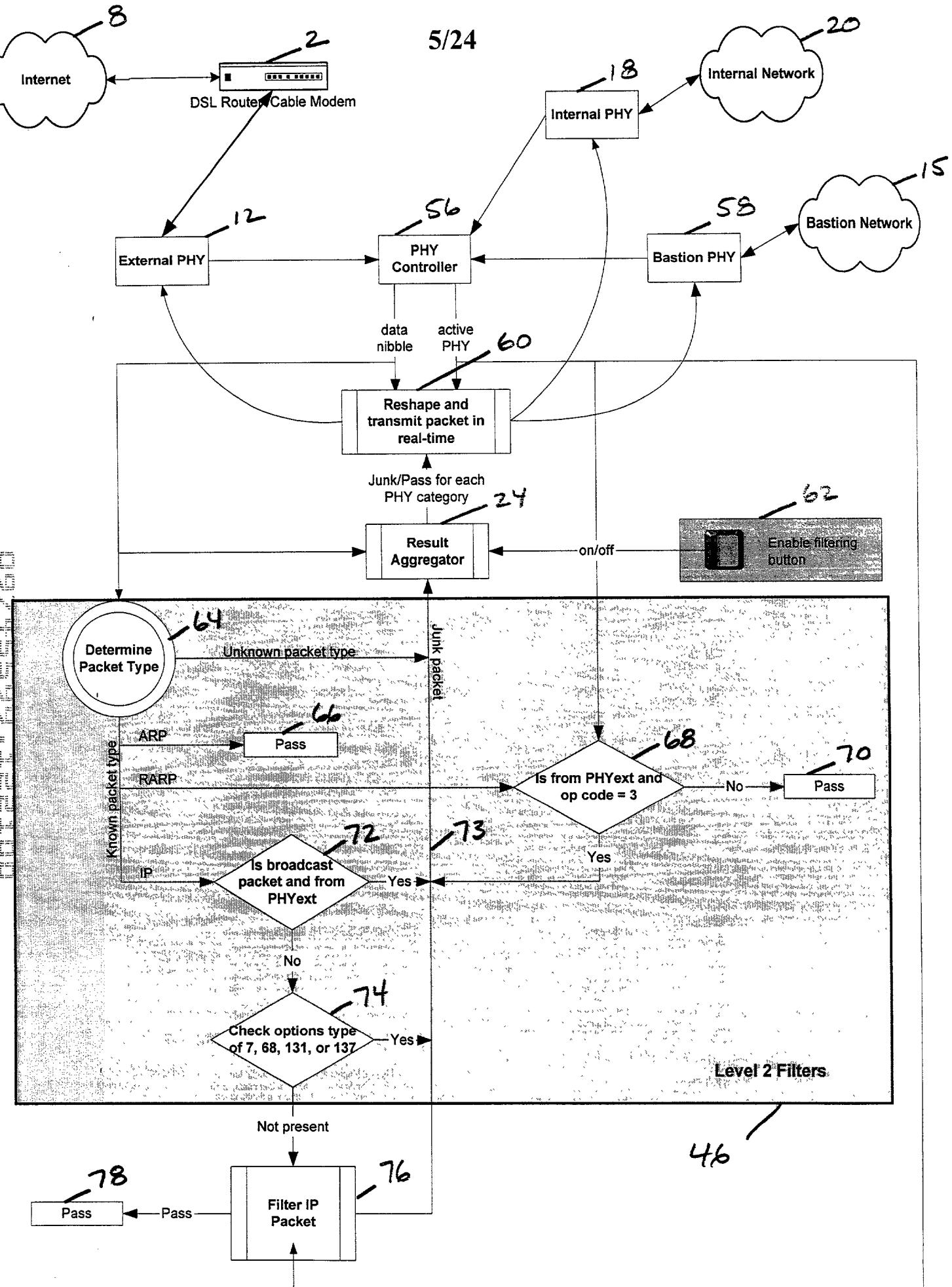


FIG. 4

Level 3 Filters

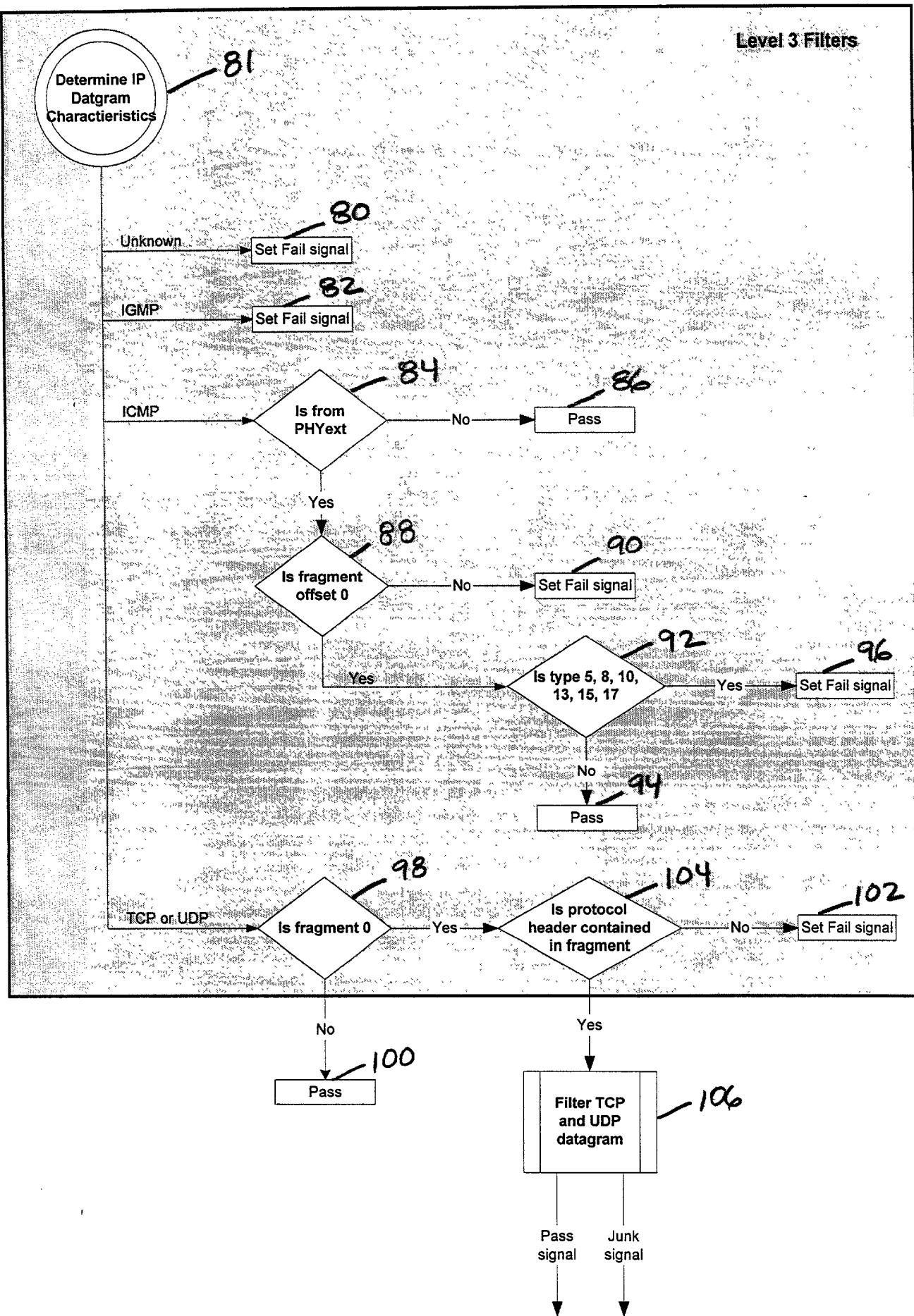


FIG. 5

TCP and UDP packets are evaluated for pass or fail in parallel (other protocols also handled simultaneously)

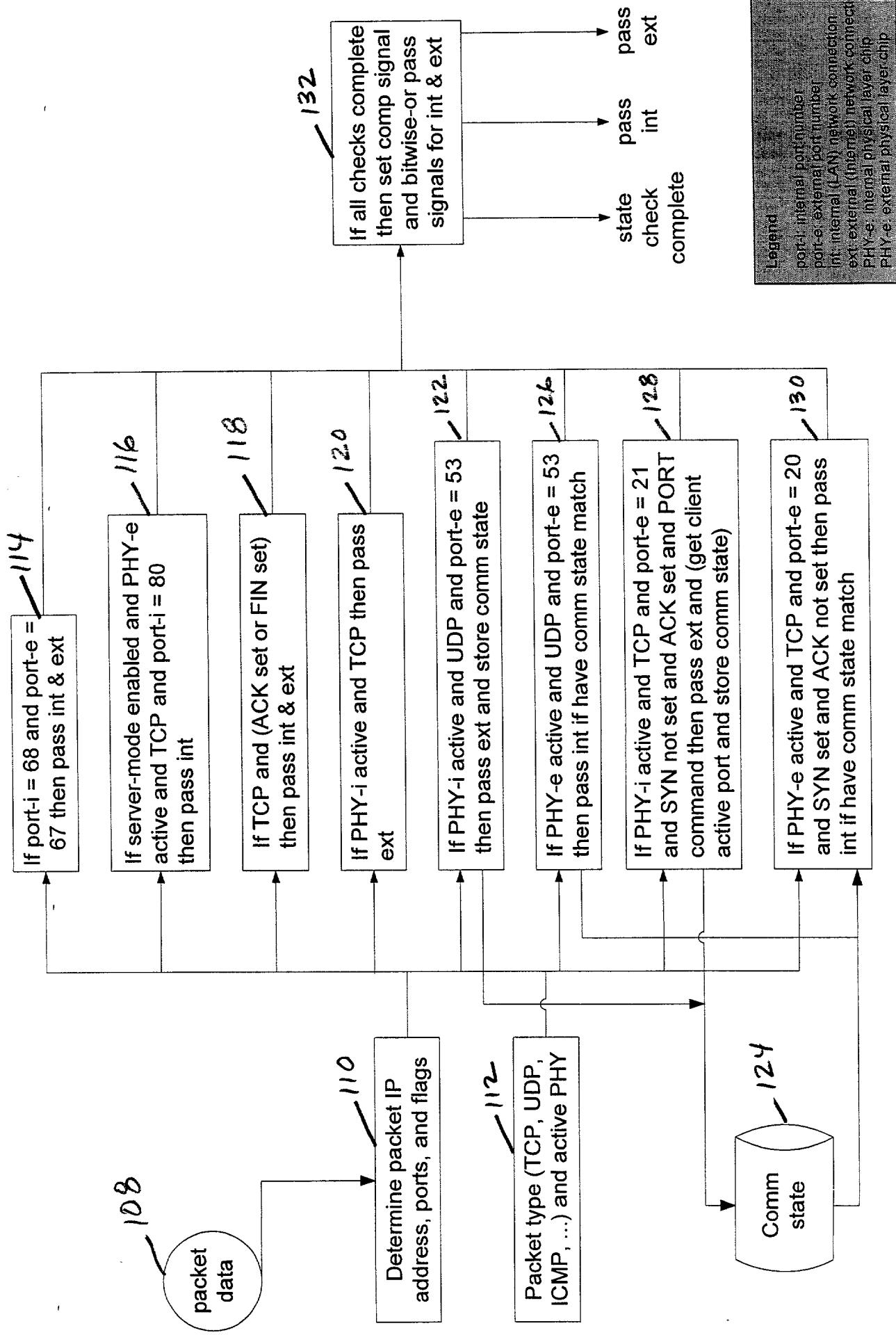


FIG. 6

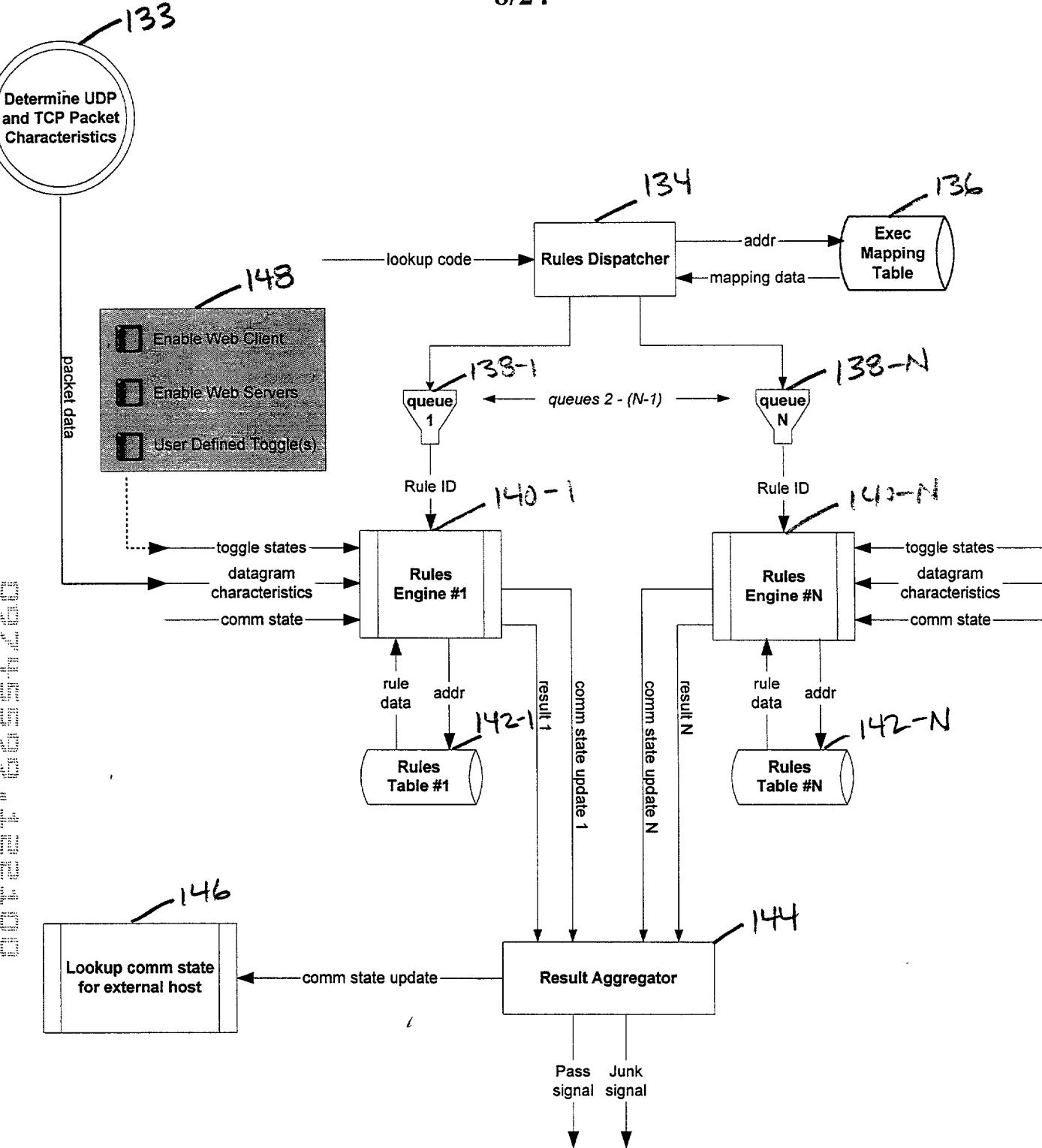


FIG. 7

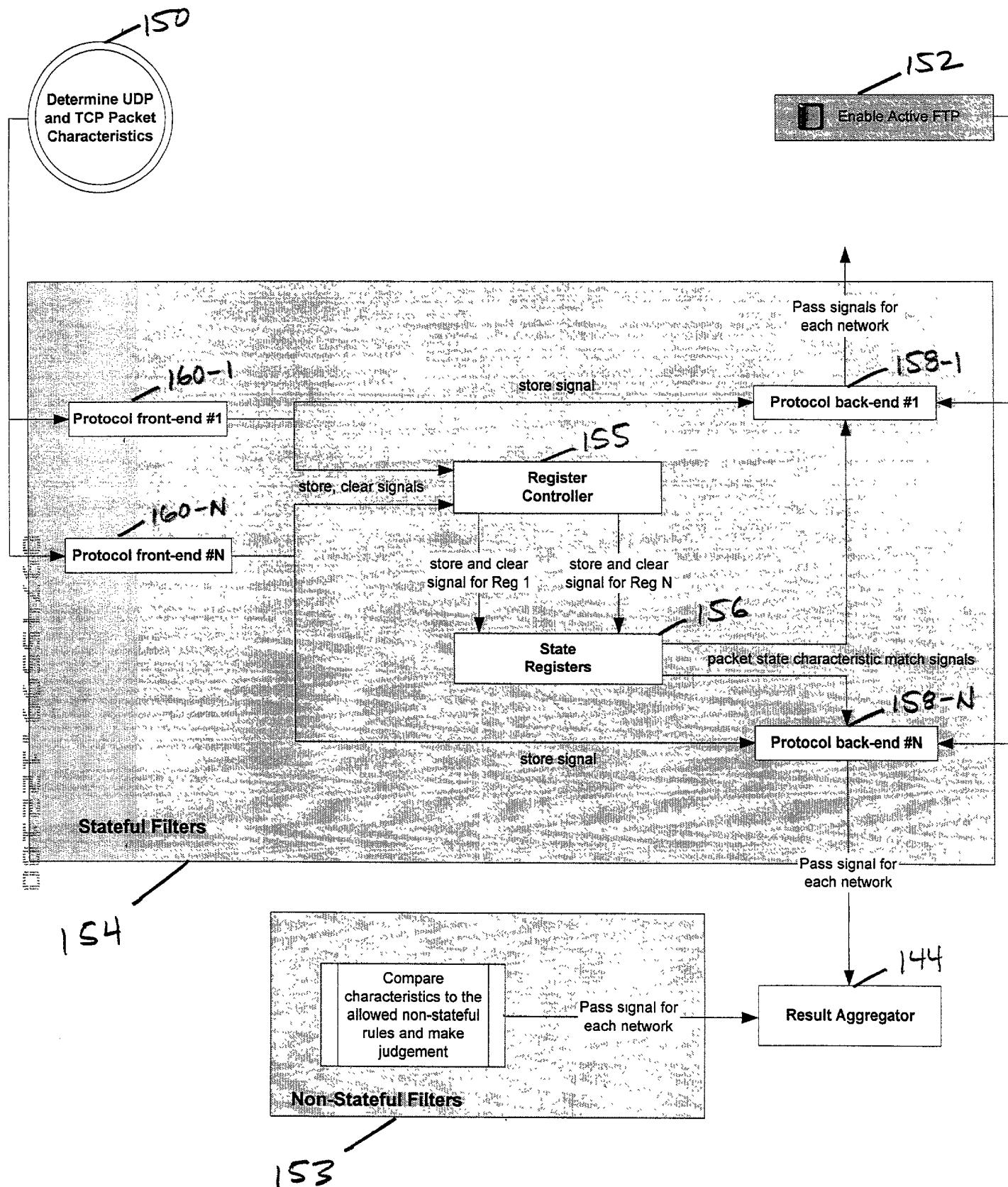


FIG. 8

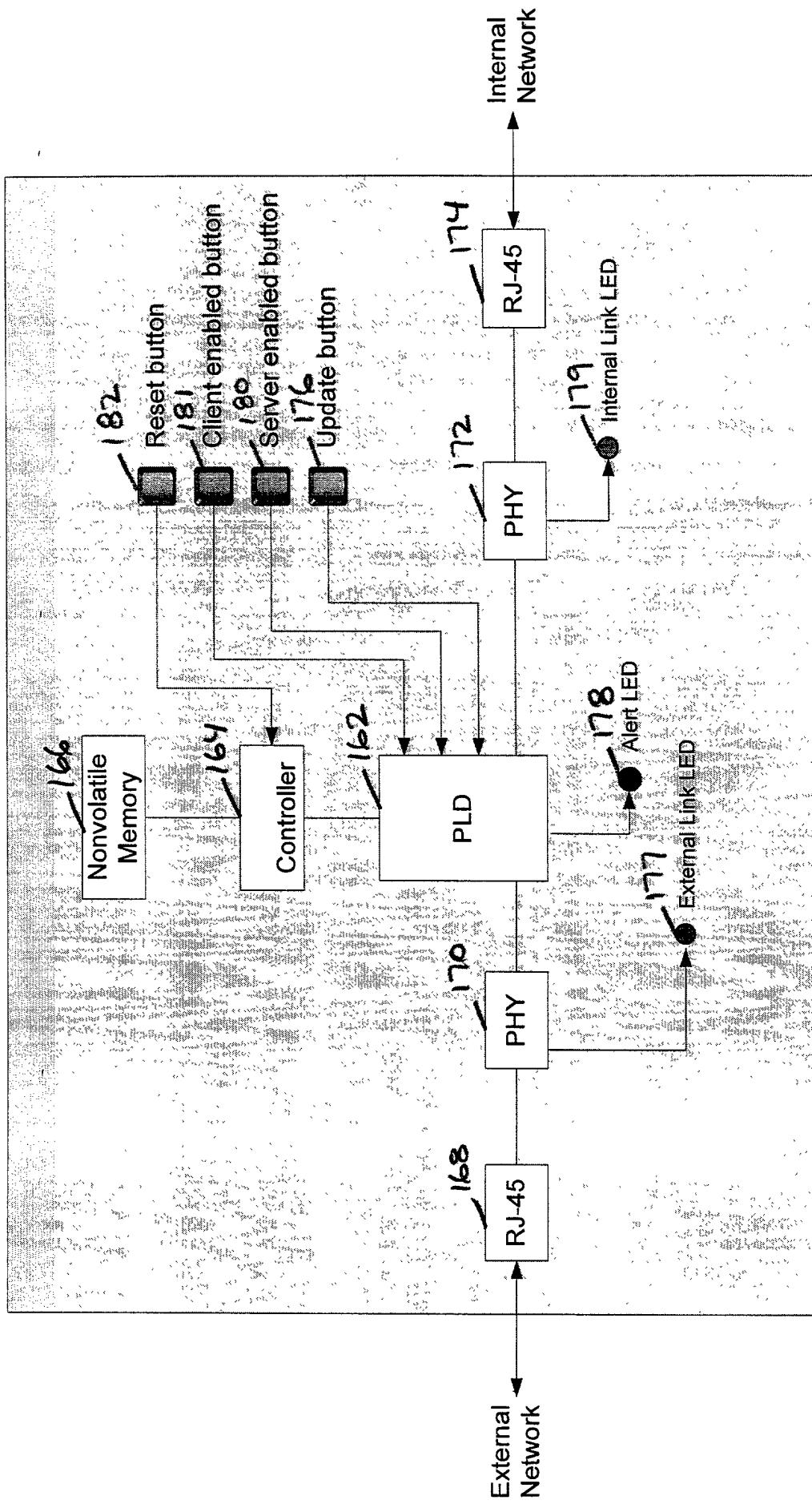


FIG. 9

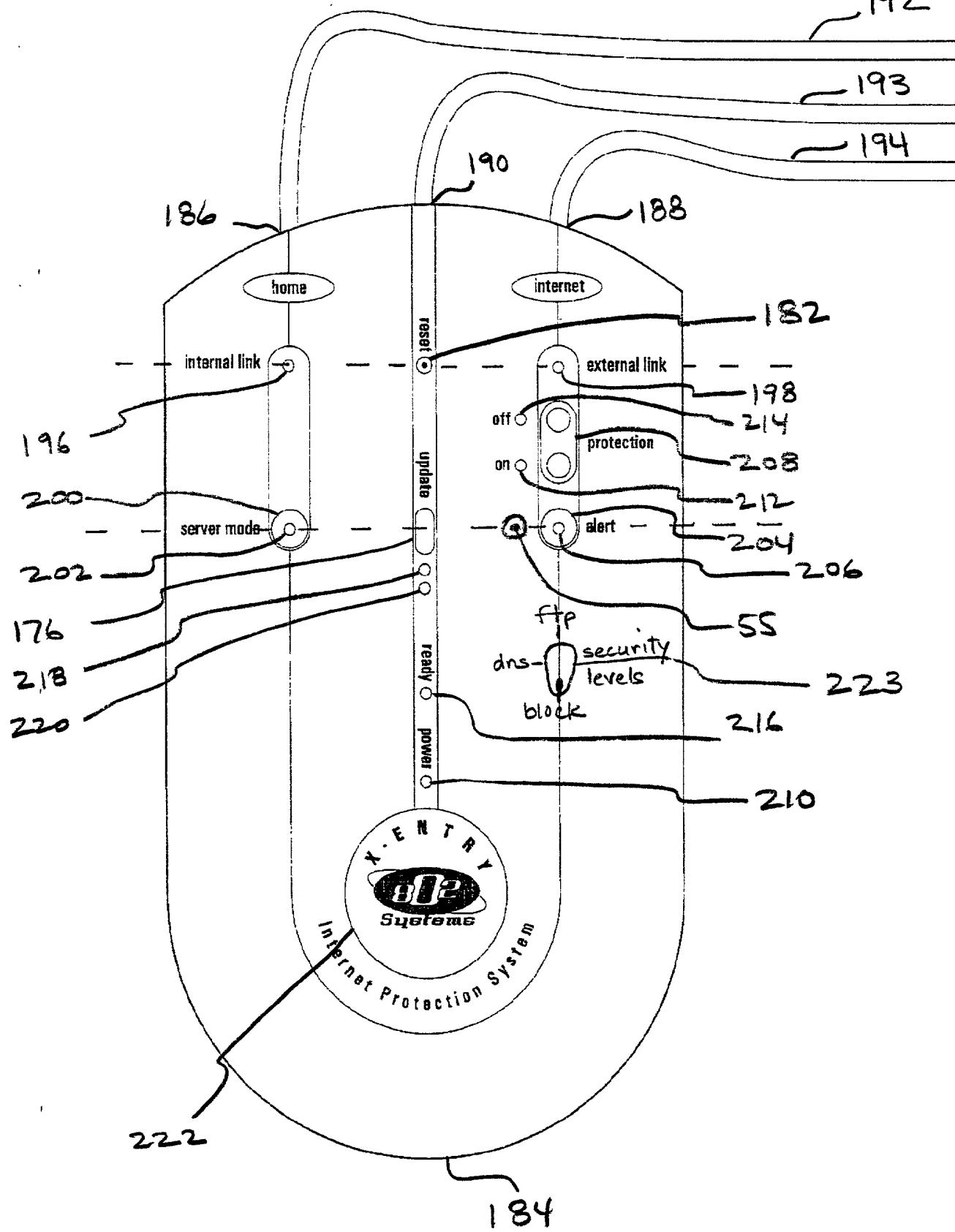


FIG.10

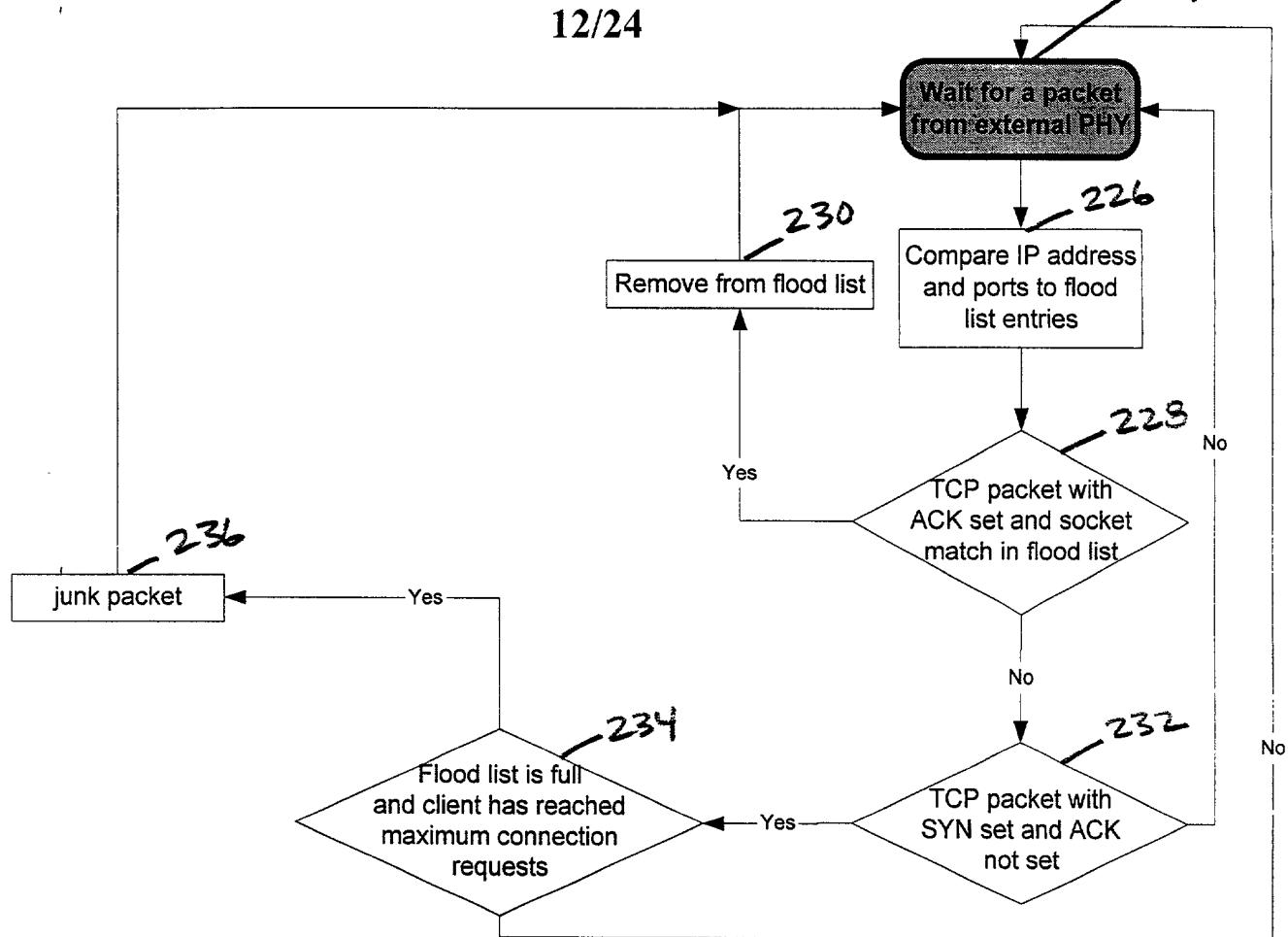


FIG. 11

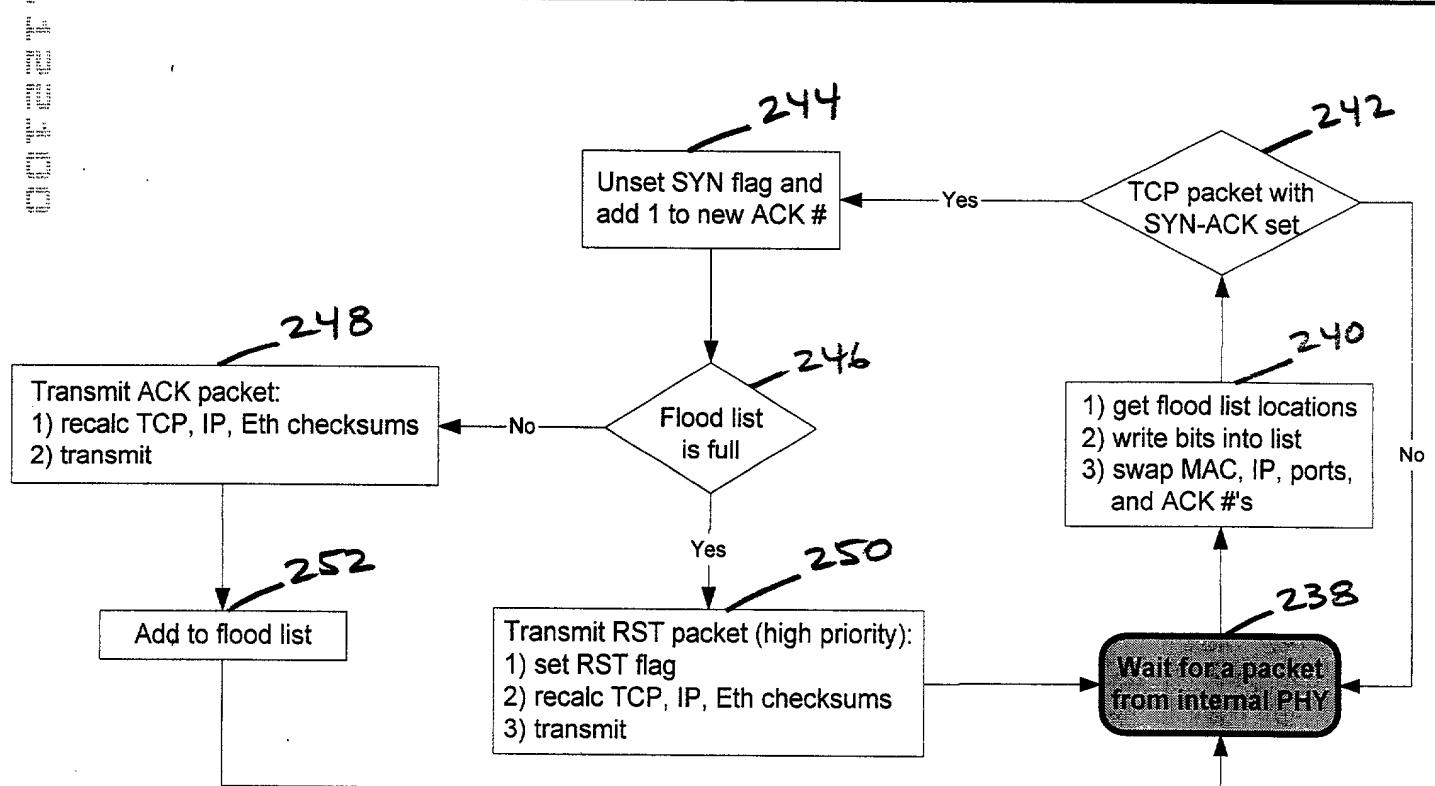


FIG. 12

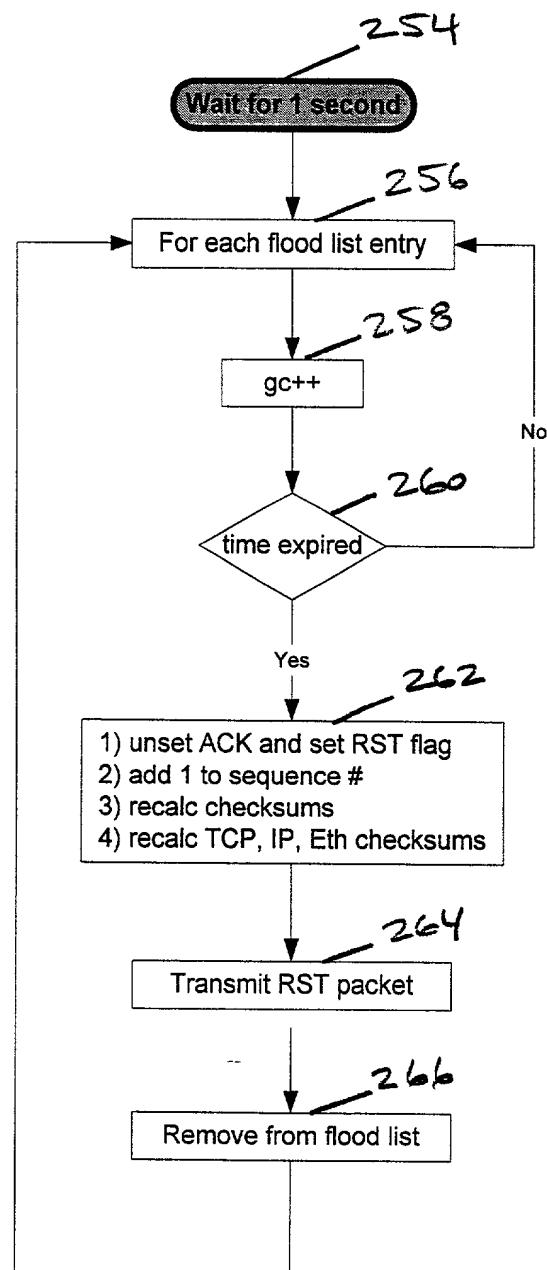


FIG. 13

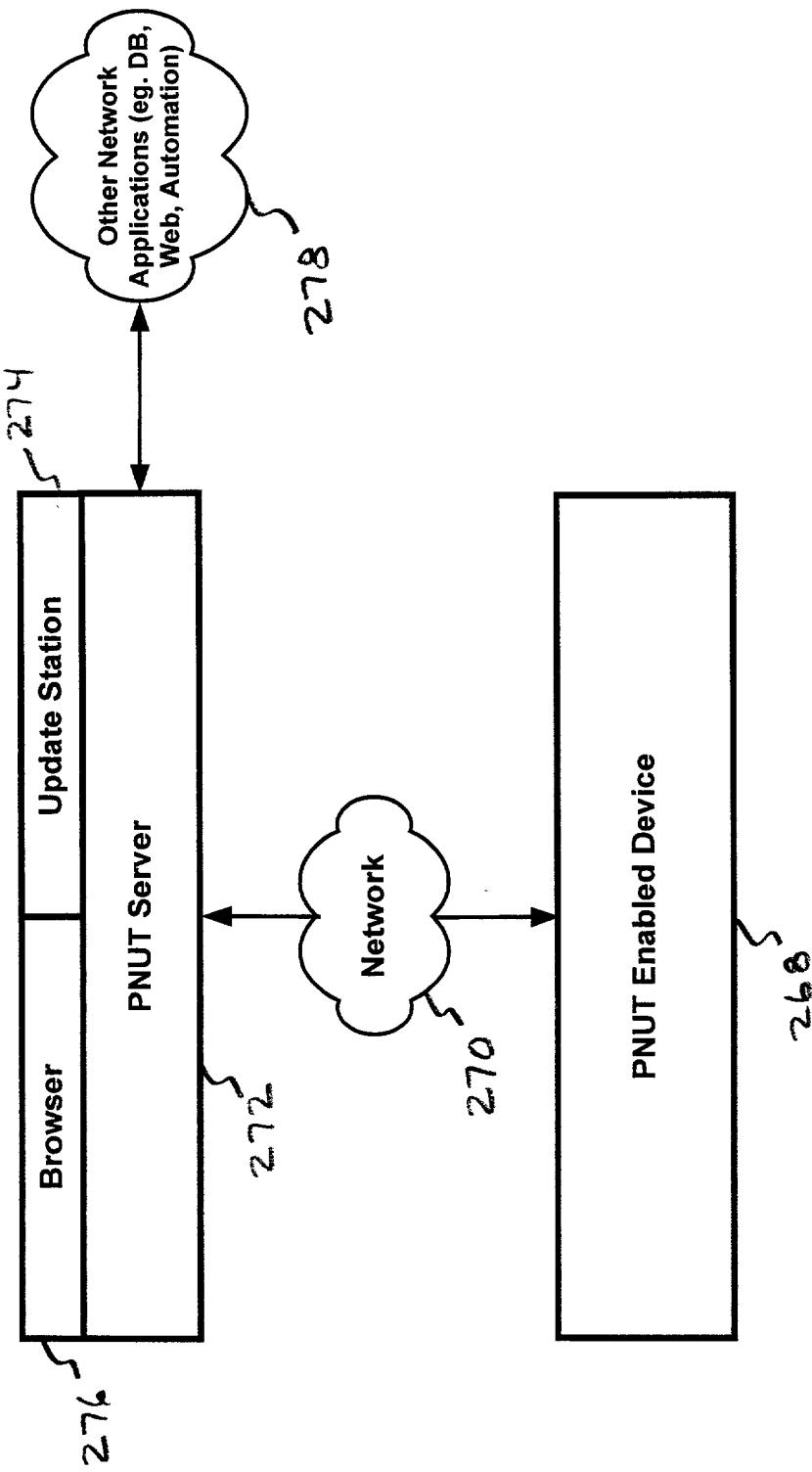


FIG. 14

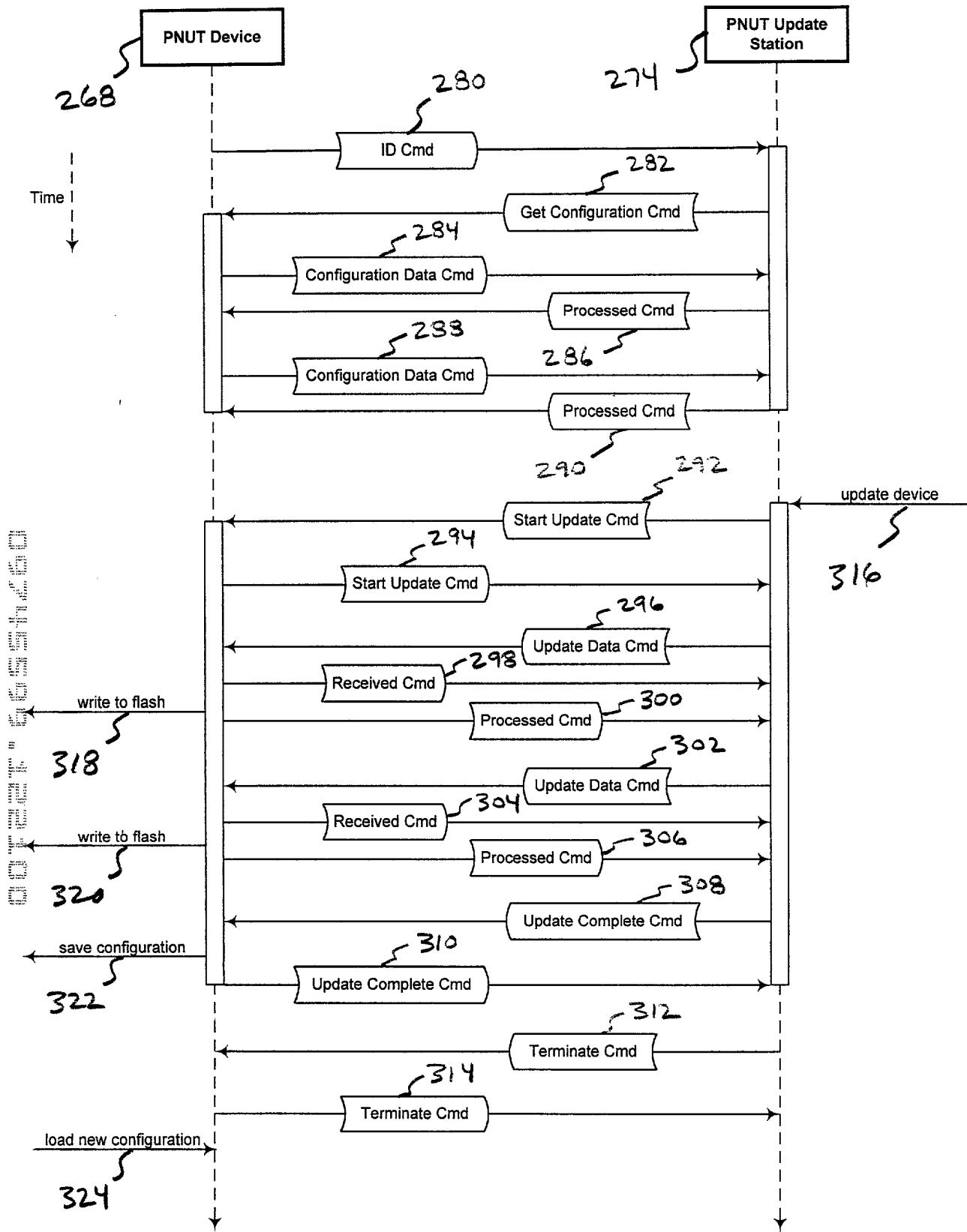


FIG. 15

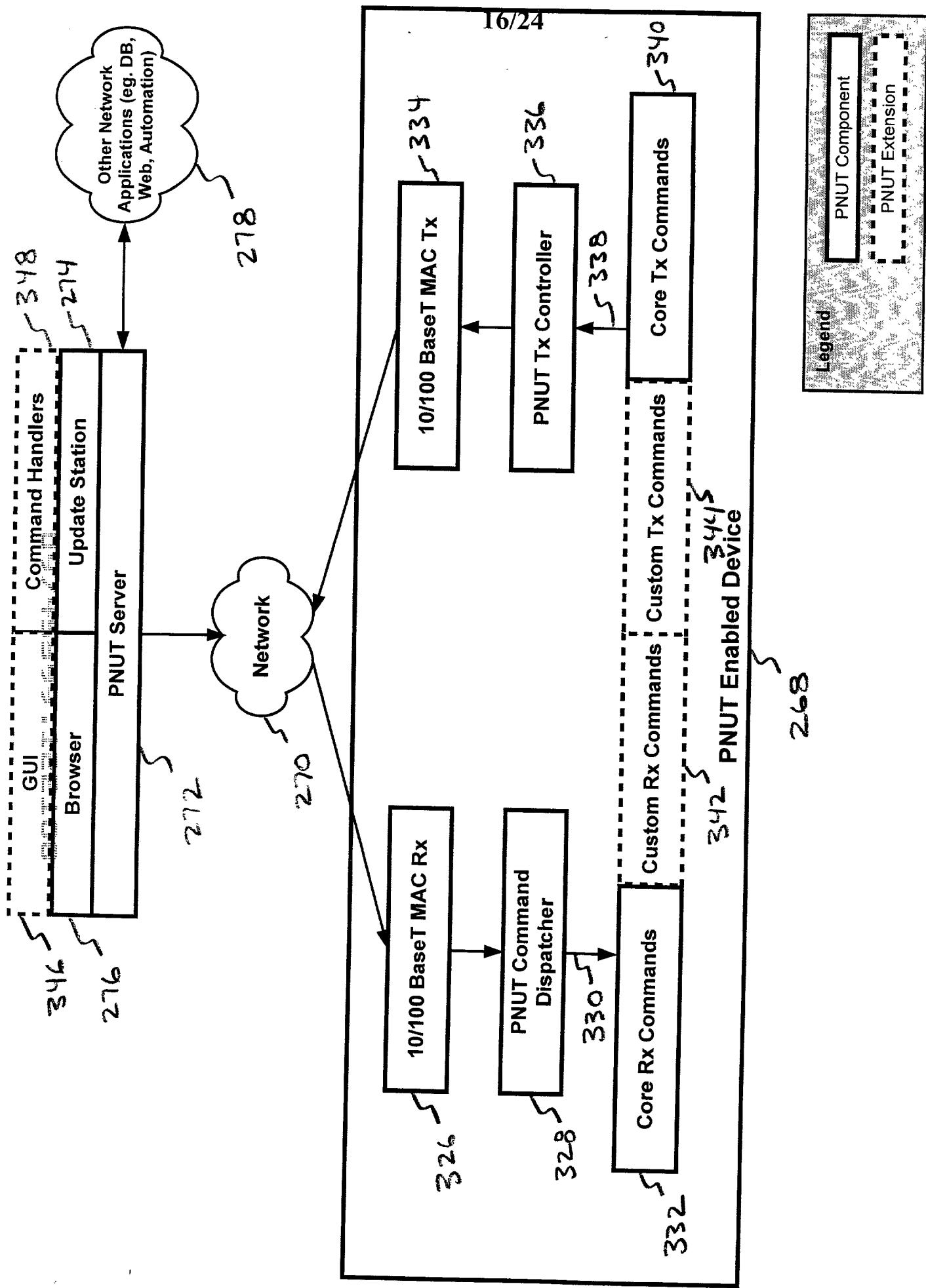
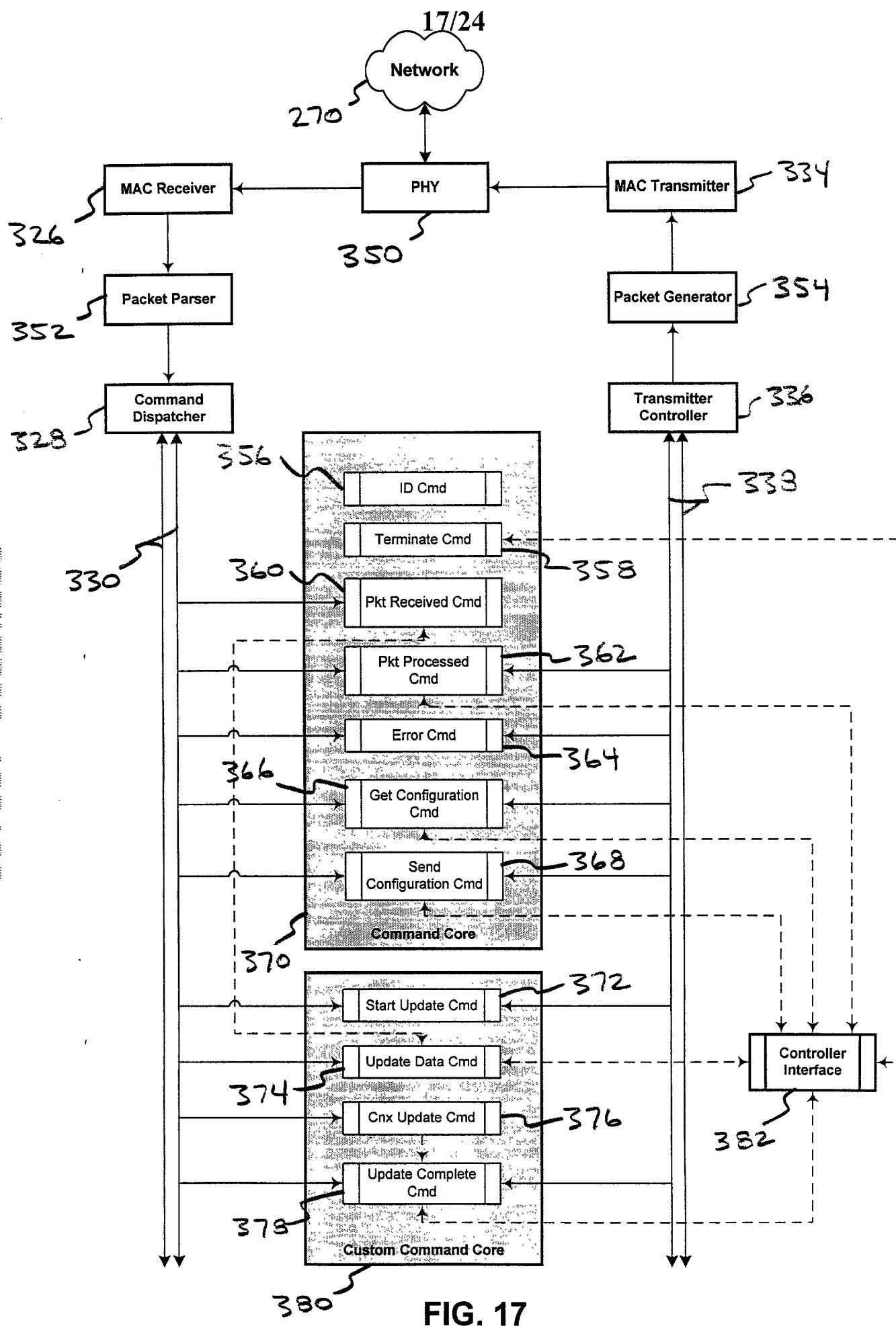
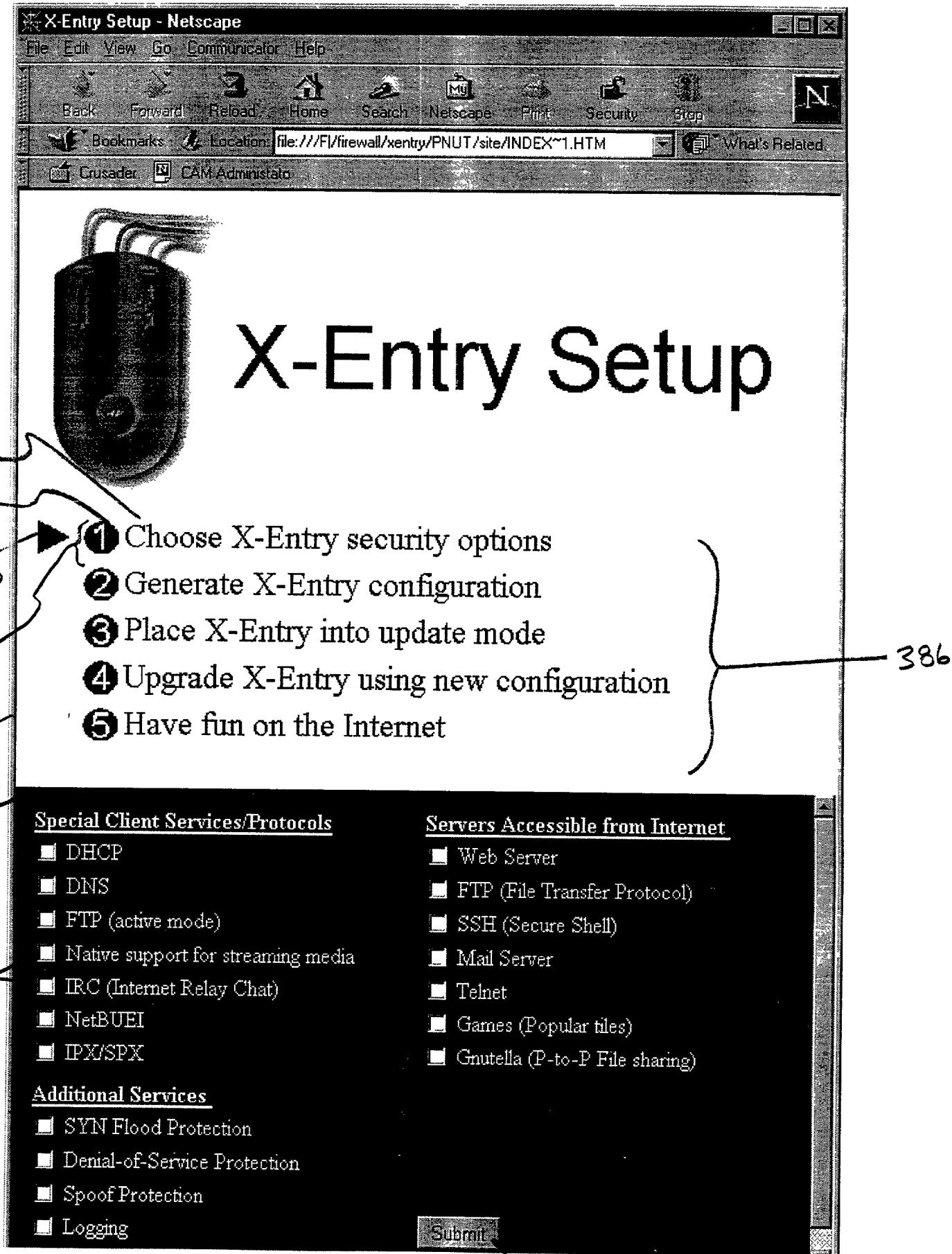


FIG. 16





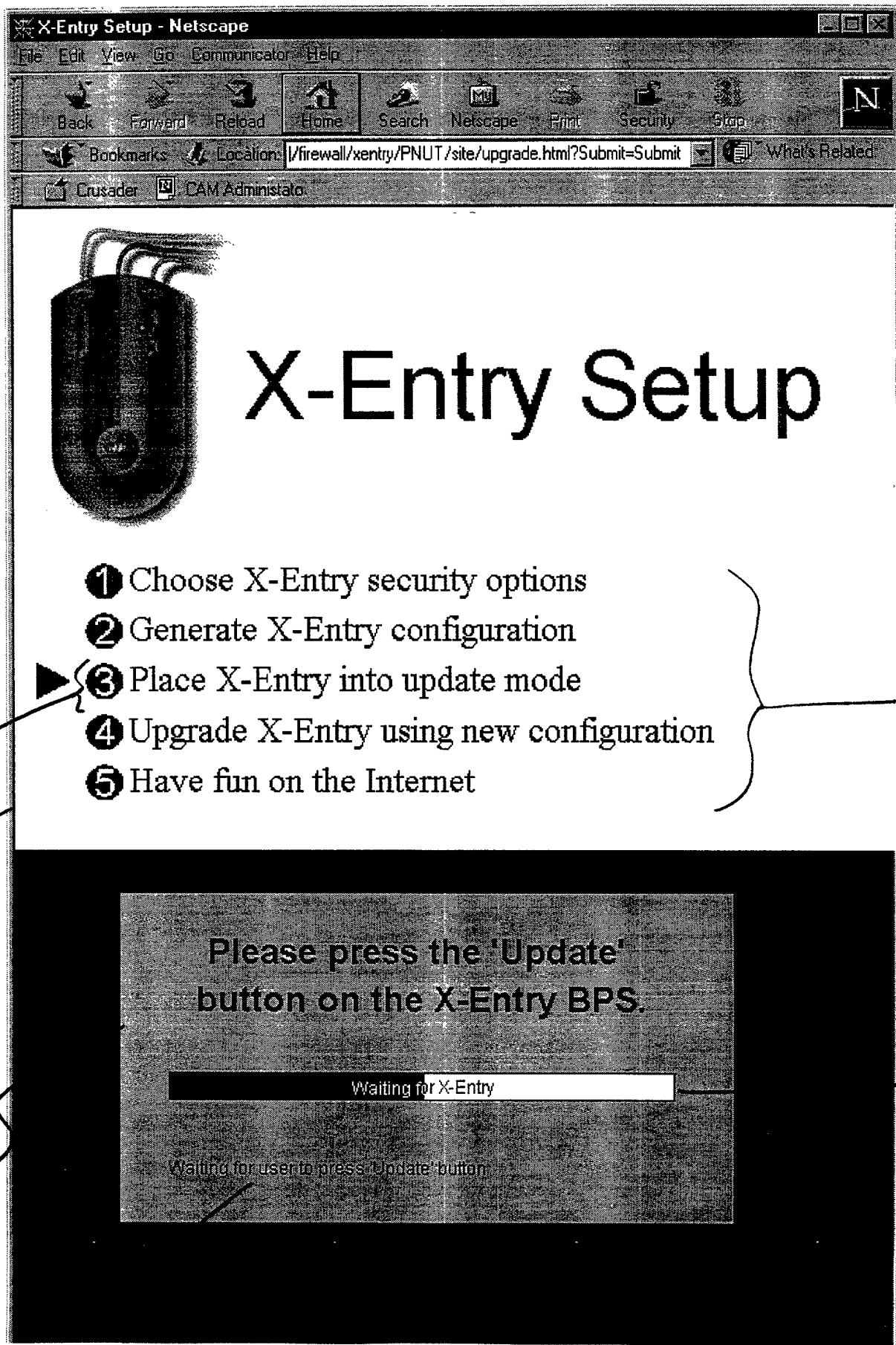


FIG. 19

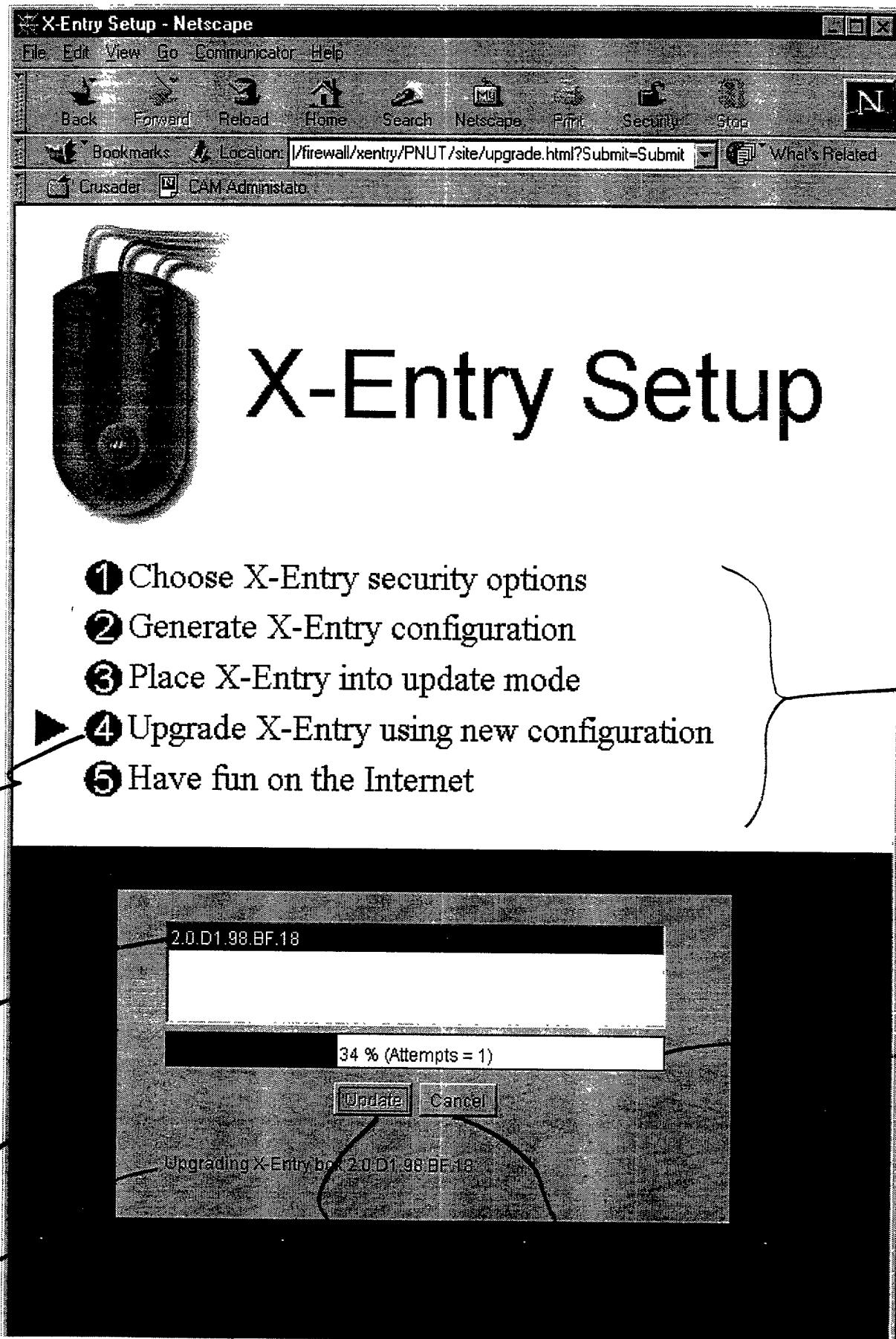


FIG. 20

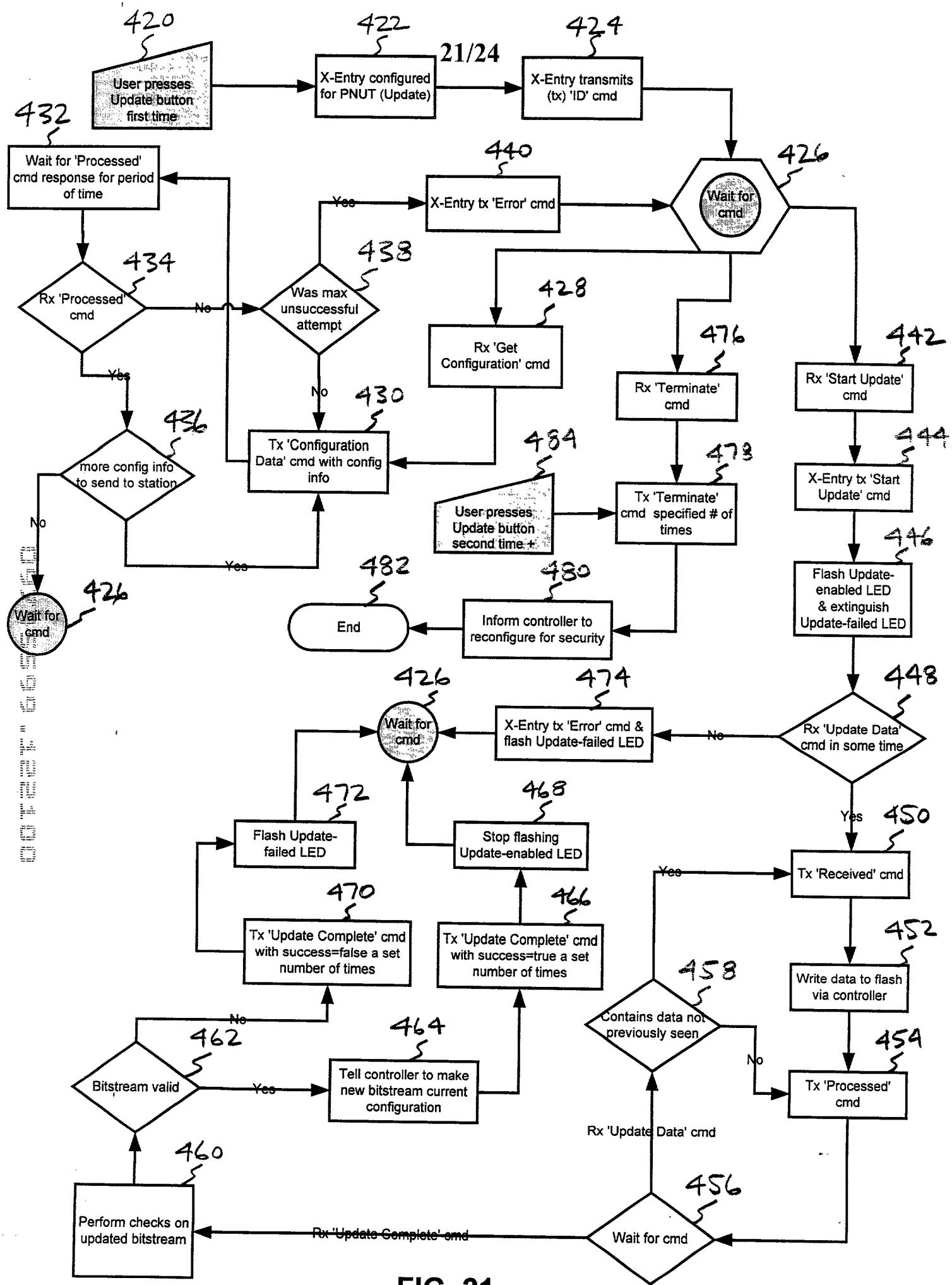


FIG. 21

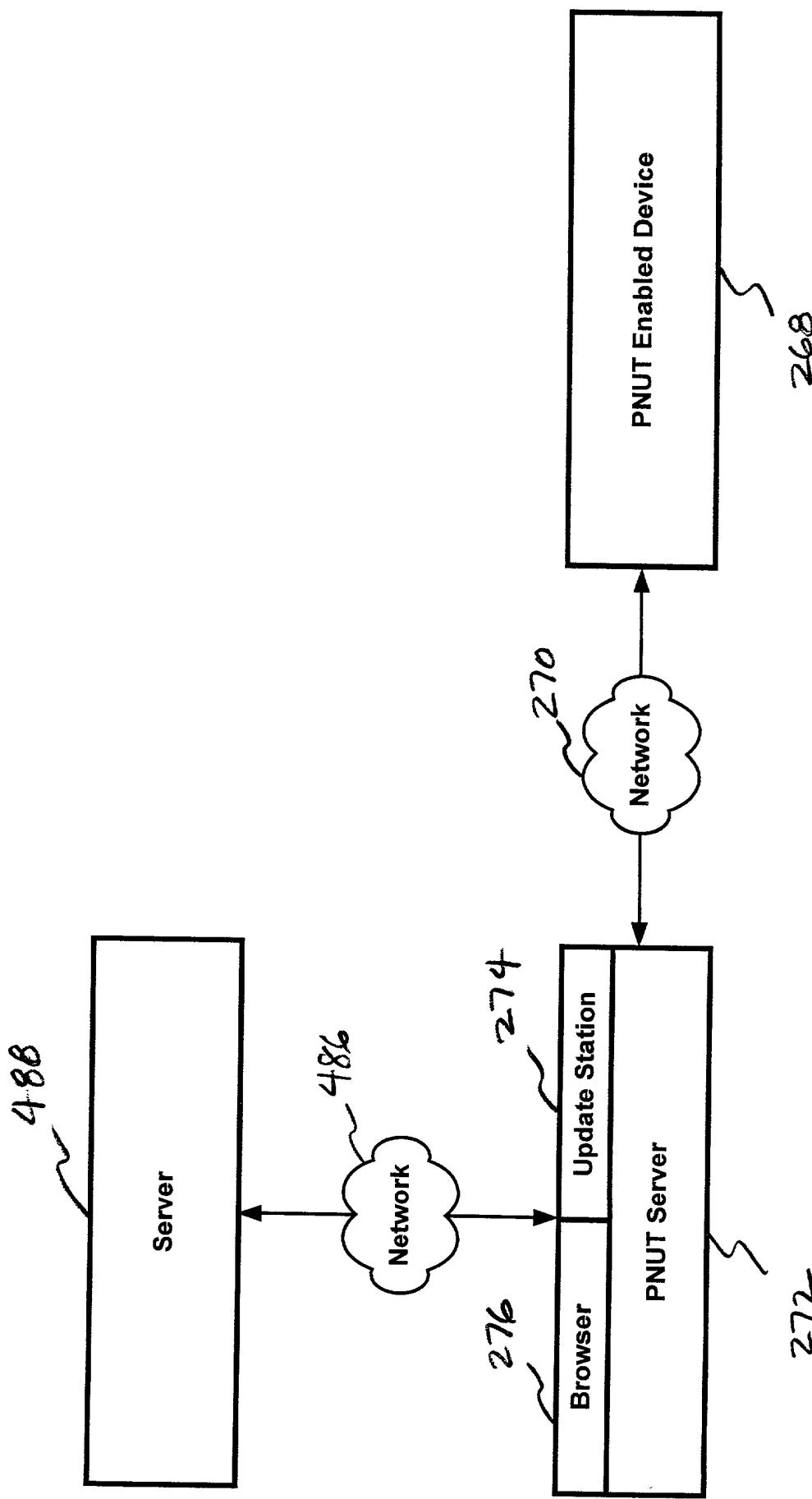


FIG. 22

```

<?xml version="1.0" encoding="UTF-8" ?>
- <formats>
  - <msg id="128" name="UPDATE_START_CMD"> 493
    <desc>Start PNUT update</desc>
    <byte name="type" transient="true" />
    <bytes name="checksum" size="2" />
  </msg>
  - <msg id="129" name="UPDATE_MSG_CMD"> 504
    <desc>PNUT data update packet</desc>
    <bytes name="packet number" size="2" /> 506
    <bytes name="length" size="2" transient="true" />
    <bytes name="data" min_size="1" max_size="500" transient="true"
      max_print="0" /> 508
  </msg>
  - <msg id="130" name="UPDATE_LAST_MSG_CMD">
    <desc>Last PNUT update packet</desc>
    <bytes name="packet number" size="2" transient="true" />
    <pad size="8" /> 510
  </msg>
  - <msg id="132" name="UPDATE_CNX_CMD">
    <desc>Cancel PNUT update</desc>
    <pad size="24" />
  </msg>
  - <msg id="136" name="UPDATE_COMP_CMD"> 513
    <desc>PNUT update complete</desc>
    <bytes name="status" size="1" transient="true" />
    <status success="0"> 516
      <desc val="0">Successful</desc>
      <desc val="1">Bad packet checksum</desc>
      <desc val="2">Flash write failure</desc>
      <desc val="3">Update cancelled</desc> 522
    </status>
    </bytes>
    <pad size="16" /> 520
  </msg>
</formats>

```

494 496 500 502 512 514 518

493 504 506 508 510 513 516 522 520

FIG. 23

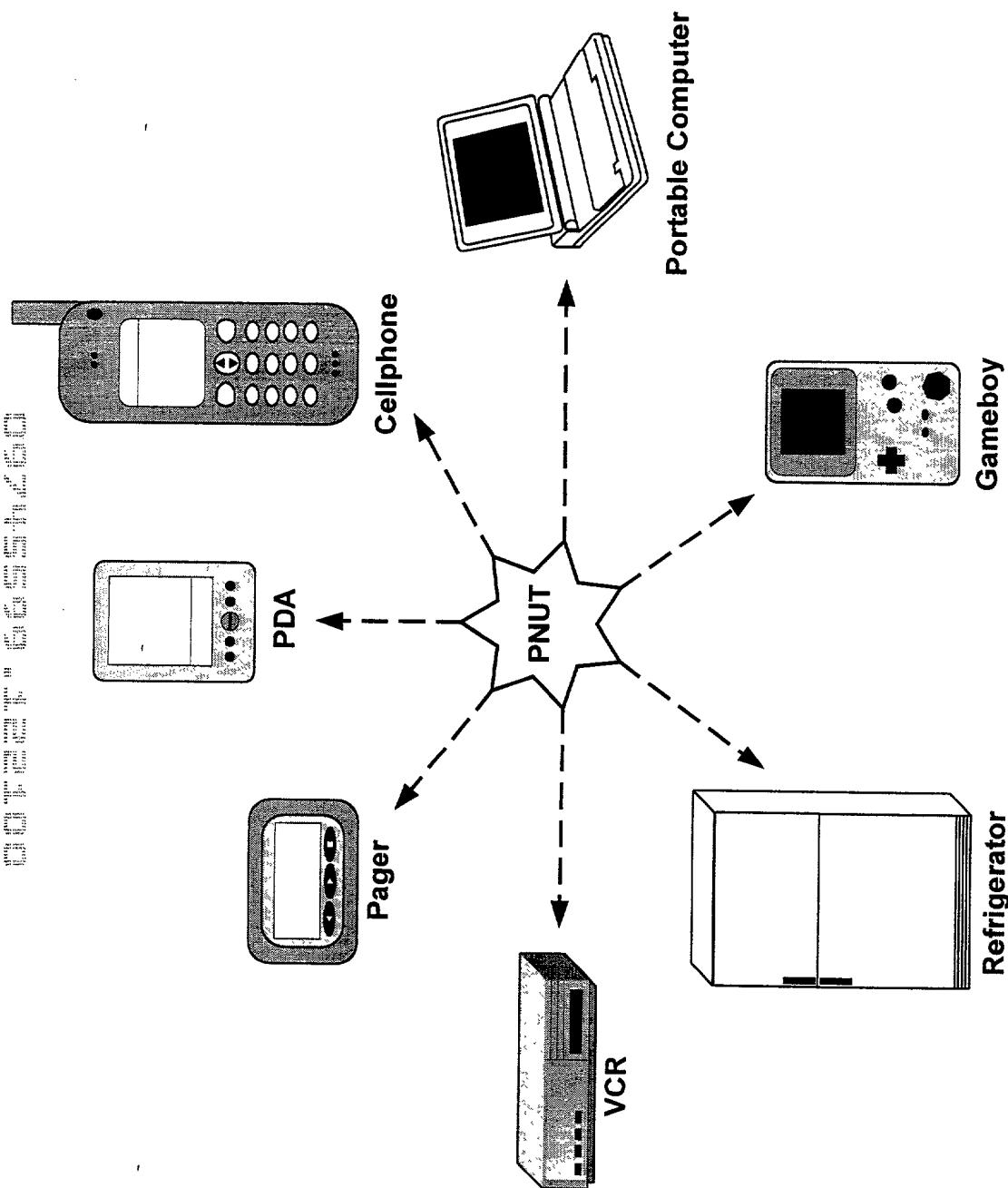


FIG. 24